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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/643,423 Confirmation No.: 4559
Applicant : Shin-Fu Lin
Title : HOT LAMINATING APPARATUS HAVING
HEAT SHIELD
Filed : August 19, 2003
TC/A.U. : 1734
Examiner : James D. Sells
Docket No. : 3304.2.79
Customer No. : 21552

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Transmitted herewith is an Information Disclosure Statement disclosing information which has come to the attention of applicant and/or his attorneys and is being submitted so as to comply with the duty of disclosure set forth in 37 C.F.R. § 1.56. In accordance with 37 C.F.R. § 1.97(c), the enclosed Statement is being filed before the mailing date of either a final action or a notice of allowance and is accompanied by credit card payment form in the amount of One Hundred Eighty Dollars (\$180.00) to cover the fee set forth in 37 C.F.R. § 1.17(p).

Neither applicant nor his attorneys make any representation that any information disclosed herein may be "prior art" within the meaning of that term under 35 U.S.C. § 102 or §

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103. Moreover, pursuant to 37 C.F.R. § 1.97, the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made or as an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.98, transmitted herewith are:

1. A completed copy of Form PTO/SB/08a "Information Disclosure Statement by Applicant" listing the patents, publications and other information being submitted for consideration; and
2. A legible copy of each patent, publication and other item of information in written form listed on the enclosed Form PTO/SB/08a.

NON-ENGLISH INFORMATION

Pursuant to 37 C.F.R. § 1.98, following is a concise explanation of the relevance (as it is presently understood by the individual designated in 37 C.F.R. § 1.56(c) most knowledgeable about the content of the information), of each listed patent, publication or other information that is not in the English language:

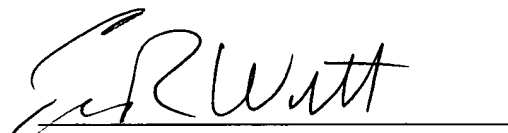
1. Chinese Patent Application No. 2315010Y discloses: The present utility model is an internally heated caterpillar track laminator. The structure principally includes two sets of opposite caterpillar track heating and pressing devices (101), (102) disposed in the machine body, and the heater body (2) thereof is disposed within the cycling path of the rubber belt (12) of the heating and pressing devices. The heat energy generated by the heater body (2) is sufficiently absorbed by the surrounding roller (11) and the rubber belt (12) so as to save energy consumption during lamination.

2. Taiwanese Patent Application No. 454689 discloses: In an improved structure of a laminator, the laminator at least includes a housing. A set of supporting plates are oppositely secured onto the housing. A set of feeding rollers and a set of heating and pressing rollers are pivotally mounted between the supporting plates, wherein each of the set of heating and pressing rollers stably penetrates therethrough a heating tube. It is characterized in that a heat-insulating mask is securely mounted to the upper and lower ends of the set of heating and pressing rollers for protecting the plastic housing from being baked by the direct radiation of the high-

temperature heat energy from the heating and pressing rollers, thereby preventing from the deformation of the housing due to continuous long-term use of the laminator. In addition, a thermal regulator is flexibly mounted to the exterior of at least one of the set of heating and pressing rollers for controlling the set of heating and pressing rollers in a constant temperature state so as to maintain the good lamination effect.

3. Taiwanese Patent Application No. 540960 discloses: This work discloses a reflective mask disposed at the preheating region of soldering boiler, which includes a main body with a plate structure, a handle mounted on the upper surface of the main body, a reflective layer disposed under the main body, and a cozy layer lying between the main body and the reflective layer and made of a material with low heat conductive coefficient for reduced heat energy loss. The reflective mask is designed to conform to the shape of the soldering boiler. Aside from using the reflective layer to reflect IR to the circuit board, the preheating region is formed as an almost sealed space so as to improve the pre-heating efficiency of the soldering boiler, increasing the temperature of the soldering boiler at the time the circuit board is entered, and eliminating the defects like bad or idle soldering occurring during the soldering process of the circuit board. Accordingly, the appearance of the soldered circuit board likely complies with the acceptable standard, and the electric property of the circuit board is stabilized.

Respectfully submitted,


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Date: July 29, 2004

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> Sheet 1 Of 1		Complete if Known	
		Application Number	10/643,423
		Filing Date	August 19, 2003
		First Named Inventor	Shin-Fu Lin
		Group Art Unit	1734
		Examiner Name	James D. Sells
		Attorney Docket Number	3304.2.79

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	F1	CN – 2315010				
	F2	TW – 454689				
	F3	TW – 540960				

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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